

3rd Memorandum of Understanding for tender 2021-36 Framework agreement for purchase and delivery of traction power components for tram and metro rectifier stations

Below are the questions raised in the third round of information and the answers given, as well as any corrections and additions which we might wish to make.

Date: 11 October 2021 final version

Answering questions

This document has been automatically translated from Dutch. In the event of differences of interpretation between the Dutch text and the English text, the Dutch text shall prevail.

Question No.	Subject/Document	Page /paragraph	Topic	Question	Answer
305	Appendix 14 SLA traction power components 1.0 27 Aug 2021	Paragraph 1.2	Purpose	The text states "If CFP wants to include other steering elements, Supplier must cooperate and use them." What does GVB mean by 'other control elements'? It is not clear to the Candidate what support is expected from the Candidate (e.g. modification of documentation, how this is settled, etc.). The Candidate asks GVB to explain this specifically.	The starting point is that changes are made in consultation but that ultimately CFP has the decisive vote in adding additional steering elements. Steering elements are KPI's relevant to the contract such as timeliness, quality etc.
306	Appendix 14 SLA traction power components 1.0 27 Aug 2021	Paragraph 2.1	Supplier accessibility	In the SLA, the Supplier is asked to guarantee 24/7 accessibility outside office hours, whereby both a telephone number and an e-mail address are requested. The Candidate requests that the e-mail address be deleted, because telephone support/availability is always faster than e-mailing. If GVB is not prepared to do this, can GVB give an explanation for the rejection?	Telephone no. Is for reporting the malfunction by the CAB. The malfunction report number is communicated via the CAB / Techdesk as part of the follow-up via our administrative process and the follow-up of the KPIs.
307	Appendix 14 SLA traction power components 1.0 27 Aug 2021	Section 2.2, Section 3.4 and Section 3.5	Scope, assessment framework and improvement agreements	The SLA states that the evaluation and assessment of services and cooperation are reciprocal. The Candidate does not see this reciprocity in the assessment framework, because only the Candidate is subject to a bonus/malus and dissolution. Can GVB explain what obligations it sees for the Candidate following the assessment?	The division of roles is that GVB is the client of the supplier. Therefore, GVB does not consider the imposition of sanctions by the supplier to be appropriate. However, the assessment of GVB by the supplier is by no means non-binding. The assessment is used by the responsible supplier manager to give feedback to the internal organisation of GVB. In extreme cases, this may lead to GVB changing the staffing of a project or in the line organisation.

308	Appendix 14 SLA traction power components 1.0 27 Aug 2021	Generic	Consultations	The basic premise of the SLA is that GVB is primarily responsible for performing maintenance. The SLA requires the Candidate to be present at various meetings with the various parties involved and to provide the management information in accordance with Article 2.6. The Candidate asks GVB to confirm that these requested documents from Art. 2.6 include only the content of the delivery (Subtask). If this assumption is incorrect, the Candidate asks the CFP to provide an explanation. The Candidate also requests confirmation that no preparatory documents are required from the Candidate for operational consultations.	The obligation to organise consultations and make reports lies with the supplier as far as the contract management part is concerned (see section 2.4 of the SLA). There are two types of consultation: tactical (twice a year) and strategic (once a year). The activities and reports (in accordance with 2.6 SLA) for these consultations are made by the Supplier and form part of the agreed service provision. The documents and reports must meet the requirements set out in the Schedule of Requirements. You must include the costs for this in your prices and rates. The Supplier may charge for other services and support on the basis of deliverables and hourly rates agreed in the Agreement.
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309	Appendix 14 SLA traction power components 1.0 27 Aug 2021 and Appendix 09 price sheet NVI 2	Sections 2.5 and 2.6	Personnel and Management Information	The SLA refers to at least the following: - tactical consultations twice a year; - consultations for new construction and replacement projects twice a year; - strategic consultations at management level once a year; - operational consultations on a monthly/daily basis. In addition, the Supplier is expected to perform work for the annual and semi-annual consultations in the form of preparing and chairing meetings, preparing (and providing) all kinds of documentation and reporting on the consultations, which involves administrative processing. How does this relate to the number of hours estimated by GVB in the price sheet in Appendix 9, under the tab: '3. The Candidate asks GVB to explain how these consultations fit in with the number of hours stated and the settlement of actual hours.	GVB realizes that a supplier has to incur additional fixed costs for this 24/7 service and has included an item for this in the price sheet. The starting point remains to organise this process as efficiently as possible and, where possible, to first assess via telephone support whether the failure can be solved with remote support.
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310	Appendix 14 SLA traction power supply components 1.0 27 Aug 2021; Appendix 08 PVE Part 2; Appendix 09 NVI 2 price schedule; Tender instructions traction power supply components 1.1 NvI2 27 Aug 2021	Generally, and with respect to Framework Agreement article 43.1 and PVE part 2, requirements: L-MT-103-109L-MT-103-111 and Tender Guidelines section 4.2.2, requirement F.	Supplier service organisation	GVB aims to carry out the maintenance completely independently. The Candidate is contractually obliged to carry out preventive maintenance on demand (support and full independence) and to provide support for corrective maintenance. The Candidate does not consider it proportionate to keep a complete service machine available 24/7 for such calls without being able to include fixed costs in the calculation. This will result in high price rates for GVB's call-off services. The Candidate asks GVB to refrain from providing support for corrective maintenance as referred to in Articles 43.1 and 43.2 of the Framework Agreement and to change this only into telephone support during office hours (third-line support). If GVB does not agree to this, the Candidate asks GVB to answer the following questions: (a) Can GVB confirm that the Candidate's offer must take account of having personnel available (standby services) 24/7 during the entire term of the SLA? (b) Can CFP state how and where in Schedule 09 of the price schedule the Candidate must include these standby services and fixed costs? (c) The Candidate considers the response times (L-MT-103-111) in	See also answer to question 309. The answer to (A) is: yes The answer to (B) is: A cost item has been added to the calculation sheet. The assumption here is that the supplier has to pay his fixed e
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				combination with the requirements for service equipment to be disproportionate. Can GVB relax these times?	
311	Tender Guidelines Traction Components 1.1 Nv12 27 Aug 2021	section 4.2.2, requirement F.		Can CFP pledge that critical spare parts can be stored at the sites.	Spare parts are stored at a central location in the metro area. GVB is responsible for this stock and its management.
312	Appendix 14 SLA traction power components 1.0 27 Aug 2021	2.5	Personnel filling	This article states that 'the supplier will provide the details after the contract is awarded'. It is not clear to the Candidate which details are meant; can GVB explain this?	This means that on the basis of the plan submitted by the Supplier, the functions and persons designated in it will be given their role within contract management. This will take place after the award.
313	Appendix 14 SLA traction power components 1.0 27 Aug 2021	3.1	Methodology	GVB states that the Candidate and GVB can assess each other; the last paragraph states that the KPIs can be adjusted in consultation. The Candidate asks that this be amended to 'This is done in consultation and after approval by the Levancier'.	GVB indicates that this will be done in consultation. Within a fully fledged cooperative relationship it is not appropriate to impose things unilaterally and that is certainly not the approach. The final decision on adjustment of KPI's does lie with GVB. Naturally, changes must be in line with the requirements set in the Schedule of Requirements and the applicable contract conditions.

314	Appendix 08 PVE Part 2	Article 9.2, requirement L-MT-102-102	Spare parts package	The Candidate must build up and maintain a breakdown stock during the contract period in order to be able to serve CFP with materials in case of calamities. The definitive purchase has not yet been secured; does GVB therefore see possibilities to purchase part of the critical materials as a fixed initial stock? Can GVB undertake to take over this stock of materials at the end of the contract at the selling price applicable at that time? If CFP does not wish to take over this stock of defective materials, in what position should the costs of the stock of defective materials be included?	On the basis of the supplier's statement, GVB will purchase a stock of spare parts from the supplier and keep them in stock for its own account. GVB will also manage the stock. Insert reference to requirement specification The take-over of parts is therefore not an issue. This risk lies with CFP.
315	Annex 11 Framework agreement for the supply of traction components	Art. 37	Prices delivery traction power components	Following NSA 2, Article 37 of the framework agreement was amended to include a new indexation clause. This modified indexation clause has recognizable elements for the AC switchgear to calculate a correct indexation, however, the Candidate believes that the copper component of 25% is weighted too heavily in relation to the wage costs component of 20%. The proposal is to reduce the copper component to 10% and to increase the wage cost component to 35% to provide a better representation of reality in this industry. The Candidate would like to know whether this is acceptable to CFP.	Your suggestion has been adopted and incorporated into the framework agreement.

316	Tender Guidelines Traction Components 1.1 Nvl2 27 Aug 2021		Definition 2nd and 3rd line support	It is not clear to the Candidate what specific support is meant by both second-line and third-line support. Can CFP clarify this and include it in the definitions?	The definitions of the terms are as follows: ^{1st} line support: Telephone support (or on-site support or via a remote VPN connection) for less complex failures by an experienced maintenance expert with the aim of restoring operation or securing the installation. ^{2nd} line support: Telephone support (or on-site support or via a remote VPN connection) in the event of a complex failure by a specialised maintenance expert with the aim of restoring operation of the installation or making it secure. ^{3rd} line support: support on site or via a VPN connection at a distance in the event of a complex failure whereby software must be adapted and/or components must be replaced by a specialised maintenance expert with the aim of getting the installation up and running again.
317	Annex 11 Framework agreement for the supply of traction components	Art. 39.1	Collateral	GVB asks the Candidate to have a parent company guarantee issued by the ultimate parent company in the group. On the basis of the other securities provided (letter of intent and bank guarantees), the Candidate does not consider a parent company guarantee to offer any added value to the requested security. In addition, the Gegadgette has a financially solid foundation and the necessary knowledge to perform this work. The Candidate therefore requests not to ask for a parent company guarantee.	CFP maintains this requirement.

318	Annex 11 Framework agreement for the supply of traction components	Art. 39.2	Collateral	"The bank guarantee must be issued by a European bank or European insurer accepted in writing by the Client, with at least one (1) branch in the Netherlands where the Client can obtain payment of the bank guarantee [...]". The Candidate asks GVB to delete the written acceptance. This is not an added value for the CFP in the sense of improved security. The impact of the possible risk increases the price.	GVB wants to know in advance which bank or insurer will provide the guarantee. The supplier presents this to GVB by e-mail and GVB responds by e-mail. This is a simple procedure and GVB adheres to it.
319	Framework agreement	art. 13.2	Force majeure	Request that illness of employees and lack of raw materials be considered force majeure.	CFP does not agree. Suppliers in this market are usually of a larger size and should be able to arrange replacements.
320	Framework agreement	art. 14.3	Limitation of liability	(i) Please indicate what happens to the limitation of liability per year if there is both a section 14(2)(a)-(d) situation and section 14(2)(e)-(f) situation. Which one will apply then? (ii) Could you please reduce the amounts mentioned in this clause?	Then the requested higher coverage for E and F applies. CFP sticks to the amounts. These risks can be insured.
321	Framework agreement	art. 14.5	Compensation	Please add at the end, "This clause shall only apply if the damage is solely attributable to the Supplier." Otherwise, this clause would be unreasonable.	GVB does not understand your question and suggestion and maintains the article

322				(i) It is important to us that this clause applies only if the infringement of the intellectual property rights is attributable to us. Moreover, if we pay for the defence, we want to be in charge of it. Please add at the end: "Supplier shall indemnify Customer against third party claims related to infringements of intellectual property rights of third parties caused by Supplier's negligence or intent. In the event of such (potential) third-party claims Customer shall immediately inform Supplier and give Supplier full control over the defence of such claim. Customer shall upon reasonable request of Supplier provide reasonable assistance in the defense of the claim and shall not make any statement or omission and/or perform any act which might prejudice the defense of the claim. Indemnification by Supplier shall not apply if and to the extent that (i) the claim was caused by unauthorized and/or improper use by Customer, (ii) changes were made to the item by Customer and/or (iii) the item consists of combinations of third-party products or was made or changed by third parties, whether or not on Customer's instructions. Client's right to claim indemnity under this article lapses after a period of 12 months from the date on which the claim arose." (ii) If this is not accepted, please	See the answers to questions 183 and 186 (Information Memorandum 2).
	Framework agreement	art. 14.6	Compensation		

				(a) explain why and (b) consider what relief can be given.	
323	Framework agreement	Art. 23.3 and 32.3	Fines	Please indicate if these fines can be applied in the same situation or if CFP only applies one in such a situation. We would like to avoid having two fines for one incident/situation.	The imposition of fines is an extreme measure for GVB. The objective of the cooperation with the Supplier is, in the first place, to achieve properly functioning installations. The "stacking" of fines is not in keeping with the views and working methods of GVB but is not ruled out if the Supplier remains in default despite repeated talks about improvement.
324	Framework agreement	art. 34	Warranty period	Please include a "warranty starts at last" clause, e.g. a maximum warranty after delivery, notification of readiness for delivery or FAT (3 years).	The starting dates of the guarantees are clear and fixed. To the extent that there is any doubt about this. Warranty on spare parts to be delivered starts at the moment of signing for receipt of the goods.
325	Framework agreement	art. 40	Non-payment of CFP	What happens if CFP is late (in default)? Can we recover costs (can we recover storage and/or personnel costs immediately or only after e.g. 2 weeks)? What do we do if CFP is more than 3-4 weeks late?	GVB is open to this. Determination and settlement of damage takes place in consultation.
326	Framework agreement	art. 43.3	Fines	Please indicate whether the amount of this fine includes claims by third parties.	The supplier is fully responsible and liable also for deliveries and services of third parties.

327	Guarantee declaration by the parent company	p. 1	Parent company guarantee statement	(i) Please indicate whether there is a willingness to accept (or discuss) a model parent company guarantee from our side? (ii) If not, please consider changing the wording. The tender documents stipulate that the parent company is ultimately responsible for fulfilling the obligations of the contract. The primary debtor of the contract should be the supplier performing the framework agreement, not the group holding company. (ii) If this is not accepted or only partially accepted, please (a) explain why and (b) consider how the supplier can overcome this.	GVB sticks to the existing model.
328	Appendix 4 Letter of intent Bank guarantee / MODEL STANDBY CFP (BANK) GUARANTEE	p. 1-2	Bank guarantee	(i) Is it correct that only if the performance of the guarantors prescribed by the parent company's guarantee fails can payment under this bank guarantee be claimed? If not, this is not in line with our offer.	Yes this is correct
329	Procurement guidelines	para. 4.2.1	C. Proof of company liability insurance	We prefer precise wording, so delete "at least" 2x ("Proof of insurance against ... for an amount of at least € 2,500,000 per damaging event and with a limit of at least € 5,000,000 per year.").	Higher coverage has been requested for some liabilities. CFP therefore considers that the description now included is appropriate.
330	Annex 14 SLA	para. 1.1	Agreement / Framework agreement	Which agreement is referred to in the last sentence ('The duration of the SLA shall in any event be the same as that of the Agreement and shall be expressly linked to it')? Is this the same agreement as that referred to later in this document?	With regard to service and maintenance: the framework agreement; In the case of new construction or replacement projects: The detailed agreement applicable to that project.

331	Annex 14 SLA	para. 1.1	Agreement / Framework agreement	To avoid misunderstandings with other agreements (Framework Agreement, Project Agreement, Service Level Agreement) in this document, we suggest using only the term Service Level Agreement or its abbreviation SLA in this context.	The text has been supplemented for clarification purposes
332	Annex 14 SLA	para. 3.6	Fine	The contract already includes sufficient measures to prevent deliveries from not meeting the specified requirements. The Candidate therefore proposes to limit the penalty. Penalty of 0.5% instead of 1% of the contract value of the project in question/service and maintenance per contract year. A penalty of 1% instead of 2% of the contract value of the relevant project/service and maintenance per contract year. If this is not accepted, please (a) explain why and (b) see what concessions can be made.	GVB will not change this. GVB sees the imposition of fines as an extreme measure. The intention is to achieve good cooperation and the delivery of good products and services by the Supplier. Fines come into play if the Supplier fails to perform after repeated improvement talks. GVB pays out the bonus with great enthusiasm because this means that the Supplier is performing above expectations.
333	Appendix 09 Price list NVI 2	2. Price sheet	Quantities	Please define the required quantities of power transformers according to their nominal power: - 250 kVA - 400 kVA - 630 kVA - 1000 kVA	This has been adjusted in the price sheet. The adjusted price sheet is included in the NI 3.
334	Appendix 09 Price list NVI 2	2. Price sheet	Quantities	The quantities in the tram and metro price list do not correspond to the variants and number of traction groups mentioned in this document. We kindly request you to update/correct this information.	Appendix 08 of the Schedule of Requirements for the General Part of the Traction Components has been amended and included in Advice for Intermediate Vessels. This has also been adjusted in the price sheet. The number of transformers and rectifiers for gs Spaklerweg and gs Verrijn Stuartweg has been adjusted. The adjusted price sheet is enclosed with the NI 3.

335	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2 and	Single line diagram item no.: Q21	Longitudinal coupling	The technical specification does not specify the type of design allowed for the longitudinal coupling -Q21. Can you confirm that a fixed design is allowed?	It is not necessary to use an extendable version for the longitudinal coupling.
336	Single line diagram typical Rectifier station.pdf	Single line diagram item no.: R0		Is it acceptable to supply a 9 ohm line test resistor with a maximum number of line tests up to 6 times?	It's okay.
337	Single line diagram typical Rectifier station.pdf	L-MT-065-002 System rectifier station - Automatic Reconnection (AWI)		Is it acceptable to perform a line test up to 6 times?	It's okay.
338	Annex 09 Schedule of prices NVI 2- EN	2. Price sheet	Quantities	From the quantities on the price list it seems that no ring field has to be supplied. Could you please confirm	Ring fields may need to be supplied, but only the unit price needs to be entered in the price sheet. The number for the total price is indeed zero.

339	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-010-013, L-MT-040- 015 and L-MT-045-007	Local / Distance / Far	Limiting operation Remote if maintenance personnel are present in the traction rectifier station is indeed critical from a safety point of view. However, the value of restricting local operation is debatable. Please consider amending the requirement, for example with: - In Local mode, only locally given commands (either via relay or direct manual control of the equipment) are possible. All non-local control is disabled. - In Remote mode (via HMI), both locally issued commands and commands from the HMI are possible. Operation from the switching watch (CVL) is disabled. - In Remote Control mode, local commands, commands from the HMI, and from the switch watch are possible.	The selection Local/Range/Far is set by the maintenance personnel in the traction rectifier station and is therefore not a limitation of the operation on site. For safety reasons, operation from the HMI is preferred over local operation. Operation at the rectifier station and from the switchgear at the same time is undesirable. The current requirement remains in place.
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340	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-065-009 Rectifier station system - Immersion circuit	Immersion circuit	(i) Please confirm that the "take along circuit" is not a hardwired connection between rectifier stations. (ii) Please confirm that the "take-home circuit" is not an indirect communication passing through the Job Controller or the CBI. (iii) Can you confirm that the "take away circuit" is an IEC61850-certified communication network to enable direct communication with IEDs of switching fields in adjacent rectifier stations. Alternatively, can you confirm that the "take away circuit" is an IEC61850 certified communication network to enable direct communication between local control units of adjacent rectifier stations.	(i) The take-home circuit is not a direct hardwired connection between rectifier stations. (ii) The take-home communication <u>does pass</u> through the track controller and the CBI. (iii) The take-home circuit is <u>not an</u> IEC61850-certified communication network between IEDs of switching fields in adjacent rectifier stations, nor between the local control units of the adjacent rectifier stations.
341	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2		Time server	Please confirm that a time server is available for time synchronization and specify the type (e.g. NTP, PTP, etc)	No time server needs to be provided. The available time server is an NTP server.
342	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-080-001	PLC/RTU	The document does not specify a protocol to be applied between the local ward control and the CVL/Switchman, or between the local ward control and the PLC/RTU. Are there special restrictions that must be taken into account?	The appendices "Block diagram CBI Metro" and "Block diagram CBI Tram" show which protocols were used. The Profinet protocol was used between the local station control system and the track controller (RTU). Communication between the track controller and the CVL/Switchman is not in the scope of ON.
343	Appendix 08 PVE Part 1B System Specification for Traction Switchgear_v5.2	L-MT-080-001	PLC/RTU	The document does not specify a protocol to be applied between the local ward control and the CVL/Switchman, or between the local ward control and the PLC/RTU. Are there special restrictions that must be taken into account?	The appendices "Block diagram CBI Metro" and "Block diagram CBI Tram" show which protocols were used. The Profinet protocol was used between the local station control system and the track controller (RTU). Communication between the track controller and the CVL/Switchman is not in the scope of ON.

344	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-010-020		Measurement: - In which fields? (Incoming field from DSO) - When should it be compliant with the Measurement Code and when are industry accepted accuracy classes (0.5) acceptable?	The kWh meters must be placed in the outgoing field to the traction transformer. A kWh meter will also be placed in the descending field of the DSO's purchase distributor; however, this is outside the scope of ON.
345	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-011-000	MID	Is MID approval required? And if so, for which devices?	MID certifying is required for voltage transformers, current transformers and kWh meters.
346	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	L-MT-011-001	Metering	If a meter is used in a field that is also equipped with a safety relay with measurement functionality, do both devices need to be integrated into the local control & HMI or is the safety relay sufficient?	Forwarding one measurement to the local control is sufficient. However, this must meet the required accuracy.
347	Appendix 08 PVE Part 1A System Specification Traction Rectifier Station_v8.2	I-M-081-001 and I-T-082-001	Rectifier station system - Local control GS	Please confirm that this is in the scope of ON. If so, please change the color to blue.	The delivery of the local control box is in the scope of ON. The installer must place the control box in the HS. Requirements I-M-081-001 and I-T-082-001 only concern the placement and mounting of the control box in the rectifier station. This work is carried out by the installer. The colour of these requirements therefore remains orange.
348	Appendix 11 Framework agreement for the supply of traction components nvi2 version 1.2 27 Aug 2021	Page 14 - 10.2	Invoicing and payment	Please change the term for objections to 5 working days after receipt of the invoice instead of 4 weeks.	Unfortunately, this is not possible for organisational and administrative reasons.
349	2nd Nvi Tender for traction components 1.0	Question 283	Invoicing and payment	Can GVB confirm that an advance payment of 15% is possible if there is a bank guarantee?	Yes this is possible.
350	Appendix 09 Price list NVI 2	Tab 2 - standard range	Price quote Tram and Metro	Please indicate what is meant by HVI Tram fixed part and GVI Tram fixed part. Is this so that a complete system can be configured on the basis of the panels offered (for example, the cladding on the left and right)?	That is correct. We assume that the price of a GVI or HVI consists not only of the price of the different fields, but also includes the price of components that are common to all fields, such as the panels on the left and right.

351	Appendix 13 General conditions of purchase for services and goods	Article 31 Delivery of Goods	Paragraph 4	Paragraph 4 states the following: GVB is not obliged to make any payment to Contractor before Delivery of the Good has taken place. What if the delivery is delayed due to circumstances beyond the control of the Contracting Party? Contractor has incurred costs but cannot invoice them. Please indicate how GVB can help the Contractor in this matter.	Refer to force majeure clause and explain in more detail
352	Appendix 13 General conditions of purchase for services and goods	Article 31 Delivery of Goods	Paragraph 3	Paragraph 3 states the following: The Contractor is obliged to store the Good for GVB, without extra costs, until the moment of the postponed Delivery. Please add a term for free storage of no more than 2 weeks. Storage involves additional costs and the Contractor cannot bear these costs himself. Please also confirm that the Contractor may proceed with invoicing when the delivery is ready for transport and, at the request of the CFP, must be stored for longer than 2 weeks.	With regard to storage costs, see answer to question 325. If the Supplier, for reasons attributable to GVB, delivers later than the agreed deadlines, the parties will consult with each other in order to determine the damage and any appropriate compensation.
353	Annex 09 Price list NVI02	Tab _ 4.0 TCO	TCO _ TRAM _ Location / Station	According to the 2nd Note of Information, line 218 as confirmed by OG. ON will work out the prices of one variant, for Tram this is only Osdorp instead of Lijnbaansgracht as it is indicated. Please accept and update Excel file.	Requirement L-MT-093-008 of document Appendix 08 Schedule of requirements Part 2 process requirements 1.0, as referred to in question no. 218 of the 2 nd memorandum of information, requests a further technical elaboration of the content of gs Osdorp. This is separate from the TCO determination. The TCO must be determined on the basis of the Lijnbaansgracht system.
354	Annex 09 Price list NVI03	Tab _ 4.0 TCO	TCO _ METRO _ Place Verrijn Stuartweg	Specified variant and amount of METRO Verrijn Stuartweg is not in accordance with updated list in tab "2. Price List". Please advise which Metro variant to select to calculate TCO. Please update Excel file.	Tab 2 of the price sheet has been modified. The modified price sheet is included in the NI 3.

355	Tender Guidelines Traction Components 1.1 NvI2 27 Aug 2021	4.1.1 Extract from the trade register	Extract of language/translation	"If Tenderer relies on the capacity of a third party, Tenderer must also provide the evidence of this third party. " Extract from the Trade Register for third parties is issued in a local language. Is a translation into English required?	Yes, it is necessary to provide a translation into English or Dutch. Please note that this does not have to be a sworn translation.
356	Tender Guidelines Traction Components 1.1 NvI2 27 Aug 2022	Section 4.2.2 F. Requirements for service equipment	Name and address list "Documents including a list of personnel and addresses proving that Tenderer has the requested service equipment."	Candidate wants to ensure personal data about the Privacy Act (AVG). Is a processing agreement signed by OG for the processing of personal data regarding the Privacy Act (AVG)? If this is not the case, we would like to suggest limiting personal data (for example, only Initials and Travel time/distance to Amsterdam).	For the tendering phase, it is sufficient for you to provide initials and residence/travel distance to Amsterdam. If personal details are recorded at a later stage, a processing agreement will be concluded between the parties.

357	System Specification Traction Rectifier (Doc. No: Z0536729579)	Section 4.9.1.	Selectivity study	To determine the expected maximum operating currents and design currents (10 kV and DC side) as well as the short circuit currents on the DC side, an extensive traction study is required. To develop a model for the traction study, the following input is needed: profile of the track, speed limits per direction, distances between stops, equipment data including timetable, energy conversion, mechanical properties etc. (which also considers the existing track network). (which also considers the existing rail network). It is not clear from the description of the scope in section 4.9.1 of System Specification Traction Rectifier Station (doc. no.: Z0536729579) whether a traction study is provided to ABB or whether ABB is expected to perform this as part of the scope. Can GVB clarify the demarcation of the scope in relation to the requirements mentioned in section 4.9.1? Will a traction study be provided? If not, is CFP able to provide an example of a previous project that meets the requirements so that we can better understand the specifics of these requirements?	The traction study referred to in the question concerns the network analysis. It does not have to be performed by ON, but is provided by OG. ON should determine the settings of the protective relays based on this grid analysis.
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Amendments and supplements to tender documents by the client

The following changes have been made:

- No changes have been made.

Expired tender documents

The following tender documents have lapsed:

- Appendix 08 Schedule of requirements for general part of traction components 1.0
- Appendix 08 Schedule of requirements for general part of traction components 1.0 and
- Appendix 09 Price list NVI 2
- Annex 09 Schedule of prices NVI 2-EN
- Annex 11 Framework agreement for the supply of traction components nvi2 version 1.2 27 Aug 2021 - EN
- Appendix 11 Framework agreement for the supply of traction components nvi2 version 1.2 27 Aug 2021
- Appendix 14 SLA traction power components 1.0
- Appendix 14 SLA traction power components 1.0 EN

Amended or new Tender Documents

The following tender documents have been added:

- Appendix 08 Schedule of requirements for general part of traction components 1.1
- Appendix 08 Schedule of requirements for general part of traction components 1.1 and
- Appendix 09 Price list NVI 3
- Appendix 09 Price list NVI 3-EN
- Annex 11 Framework agreement for the supply of traction components nvi3 version 1.3 11 October 2021 - EN
- Annex 11 Framework agreement for the supply of traction components nvi3 version 1.3 11 October 2021
- Appendix 14 SLA traction power supply components NA13 1.1
- Annex 14 SLA traction power supply components Co3 1.1 EN



***** End of Information Memorandum*****